



MARK PESTRELLA, Director

**COUNTY OF LOS ANGELES  
DEPARTMENT OF PUBLIC WORKS**

*"To Enrich Lives Through Effective and Caring Service"*

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**ADOPTED**

BOARD OF SUPERVISORS  
COUNTY OF LOS ANGELES

46 September 15, 2021

CELIA ZAVALA  
EXECUTIVE OFFICER

September 15, 2021

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, California 90012

Dear Supervisors:

**WATER RESOURCES CORE SERVICE AREA  
SAFE, CLEAN WATER PROGRAM  
FISCAL YEAR 2021-22 REGIONAL PROGRAM STORMWATER  
INVESTMENT PLANS FOR THE SAFE, CLEAN WATER PROGRAM  
(ALL SUPERVISORIAL DISTRICTS)  
(3 VOTES)**

**SUBJECT**

Public Works is seeking Board approval of the recommended Fiscal Year 2021-22 Stormwater Investment Plans for the Safe, Clean Water Program's Regional Program, in the amount of \$144,202,264.63.

**IT IS RECOMMENDED THAT THE BOARD ACTING AS THE GOVERNING BODY OF THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT**

1. Find that the proposed actions are not a project under the California Environmental Quality Act for the reasons stated in this letter and the record of the Los Angeles Region Safe, Clean Water Program.
2. Approve the recommended Stormwater Investment Plans for Fiscal Year 2021-22 for the Safe, Clean Water Program's Regional Program in the total amount of \$144,202,264.63.

**PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The purpose of the recommended actions is to approve the Stormwater Investment Plans (SIPs) for

each of the nine Watershed Areas in the Safe, Clean Water (SCW) Program's Regional Program for the 2021-22 Fiscal Year (FY), as recommended by the Regional Oversight Committee (ROC). Each of the nine Watershed Area SIPs can be reviewed on the SCW Program website at <https://safecleanwaterla.org/projects-2/>. The SIPs include recommendations to fund regional watershed-based multi-benefit projects, conduct scientific studies, and provide technical resources, including development of project concepts and ongoing Watershed Coordinator services. A summary of the recommendations and findings, benefits of the proposed expenditures, the public process to develop these recommendations, and additional comments from the ROC for future consideration are included in Enclosure A.

Executive summaries for the FY 2021-22 Infrastructure Program projects are available at the SCWP Program website (<https://safecleanwaterla.org/projects-2/>) in two parts Summaries Part 1 and Summaries Part 2. Copies are also available at the office of Public Works, Stormwater Planning Division (11th floor), 900 South Fremont Avenue Alhambra, CA, 91803.

The ROC, consisting of the nine Watershed Area Steering Committees (WASCs), the Scoring Committee, and the ROC, held over 80 public meetings to select the projects, project concepts, and scientific studies included in the SIPs. Infrastructure Program Projects were scored by the Scoring Committee and selected by the WASCs for inclusion in their respective SIPs. The WASCs also utilized independent third-party analyses (coordinated by the Los Angeles County Flood Control District and led by the Southern California Coastal Water Research Project) when considering scientific studies for inclusion in their respective SIPs. The ROC reviewed each SIP and recommends that all nine be approved.

The nine recommended SIPs, in aggregate, represent the proposed annual Regional Program's budget of \$144,202,264.63 and, upon approval, will dictate funding allocations for FY 2021-22. The nine recommended SIPs also include the Regional Program's currently projected budget allocation through FY 2025-26, which, including leveraged funds, represent nearly \$1B in investments into multi-benefit green stormwater infrastructure. These projections will continue to be revisited each year along with new projects submitted for each subsequent call for projects.

The recommended SIPs help achieve SCW Program Goals through meaningful water supply increases, water quality improvements, and community enhancements that all support public health. Additionally, the recommended SIPs prioritize projects that invest in Disadvantaged Communities, utilize Nature-Based Solutions, and advance compliance with existing water quality regulations.

### **Implementation of Strategic Plan Goals**

These recommendations support County Strategic Plan: Strategy II.3, Make Environmental Sustainability our Daily Reality and Objective II.3.1, Improve Water Quality, Reduce Water Consumption, and Increase Water Supplies; Objective II.3.2, Foster a Cleaner, More Efficient, and More Resilient Energy System; and Objective II.3.3, Address the Serious Threat of Global Climate Change. The recommended actions will strengthen the County's capacity to improve water quality and increase water supplies, effectively prepare for emergent environmental and natural hazards, and address the threat of climate change.

### **FISCAL IMPACT/FINANCING**

There will be no impact to the County General Fund.

The recommended FY 2021-22 SCW Regional Program cost is \$144,202,264.63, which includes funding for all nine SIPs and continued Watershed Coordinator Services within each of the Watershed Areas.

Funding for the recommended FY 2021-22 SIPs is included in the Measure W SCW Regional Program Funds FY 2021-22 Budgets. See Enclosure A for further details.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

On July 17, 2018, following a very extensive stakeholder input process, the Board approved a Resolution calling for and giving notice of an election to, upon voter approval, establish the SCW Program and its funding via special parcel tax by adding Chapter 16 of the Los Angeles County Flood Control District Code.

On November 6, 2018, Measure W (the SCW Program ballot measure) was successfully passed by the voters. The SCW Program's annual Special Parcel Tax was first collected for FY 2019-20 and continues to be billed with annual property tax bills.

On August 6, 2019, after further consultation with local and regional agencies, organizations, and stakeholders, the Board adopted an Ordinance to implement the SCW Program by adding Chapter 18 of the Los Angeles County Flood Control District Code.

On June 9, 2020, the Board approved a standard template Transfer Agreement that established the terms and conditions for the transfer of SCW Program funds to Regional Program fund recipients and delegated authority to the Los Angeles County Flood Control District's Chief Engineer to execute Transfer Agreements subject to the Board's approval of the annual SIPs.

These SIPs represent the second year of Regional Program implementation. Upon the Board's approval of the SIPs, the recipients included in each SIP will be required to enter into a Transfer Agreement. Upon execution of a Transfer Agreement, those recipients will receive the approved funding amount for implementation of the approved activity(ies) pursuant to their Transfer Agreement (s).

### **ENVIRONMENTAL DOCUMENTATION**

The recommended actions are not subject to the California Environmental Quality Act (CEQA) because they are activities that are excluded from the definition of a project by Section 21065 of the Public Resources Code and Section 15378(b) of the State CEQA Guidelines. The proposed actions would create a government funding mechanism that does not involve any commitment to a specific project that may result in a potentially significant physical impact on the environment. The recommended actions are also organizational or administrative activities of government, which will not result in direct or indirect physical changes to the environment.

All future activities resulting from the recommended actions and that fit the definition of a CEQA project will also comply with CEQA.

**IMPACT ON CURRENT SERVICES (OR PROJECTS)**

There will be no negative impact on current County services.

**CONCLUSION**

Please return an adopted copy of this letter to Public Works, Stormwater Planning Division.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Mark Pestrella". The signature is fluid and cursive, with the first name "Mark" and last name "Pestrella" clearly distinguishable.

MARK PESTRELLA, PE  
Director

MP:CH:le

Enclosures

c: Auditor-Controller (Accounting Division)  
Chief Executive Office (Chia-Ann Yen)  
County Counsel (Mark Yanai)  
Executive Office

# Safe, Clean Water Program

Fiscal Year 2021-2022

Stormwater Investment Plans



**SAFE  
CLEAN  
WATER**

## Stormwater Investment Plans Regional Oversight Committee Recommendation

The Stormwater Investment Plan (SIP) is an annual five (5) year plan developed by each Watershed Area Steering Committee (WASC) that recommends funding allocations for Projects and Programs in the Regional Program’s Infrastructure Program, Technical Resources Program, and Scientific Studies Program.

The purpose of the SIP for each Watershed Area is to capture recommended programming for the upcoming fiscal year as well as anticipated recommendations for the next four subsequent years.

The role of the Regional Oversight Committee (ROC) is to review each SIP, determine whether and the extent to which each SIP achieves the Safe, Clean Water (SCW) Program Goals, and provides its findings to the Board of Supervisors with recommendations regarding whether or not each SIP should be approved. Before providing recommendation to the Board, the ROC shall provide its findings and recommendations on each SIP to the respective WASCs. The ROC does not have line item veto power, but the WASCs will consider the findings and recommendations from the ROC as guidance to potentially enhance future SIPs and/or revise current SIPs prior to Board consideration. ROC feedback to WASCs is included in this transmittal of SIPs to the Board for approval.

The following sections include the ROC assessment of how the SCW program goals were met and other considerations:

### 1 Table of Contents

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#### Attachments:

- Attachment A – Summary of Regional Program Stormwater Investment Plans

# Safe, Clean Water Program

Fiscal Year 2021-2022

Stormwater Investment Plans



## 1 Executive Summary

The Safe, Clean Water (SCW) Program currently generates approximately \$140.7M of annual Regional Program Funds across the nine different Watershed Areas.

For Fiscal Year 2021-2022 (FY21-22), 61 Infrastructure Program, 14 Technical Resources Program, and 9 Scientific Study applications were submitted for consideration. After careful review and consideration for each project, project concept, and scientific study, the nine WASCs voted to include 37 Infrastructure Program Projects, 12 Technical Resources Program Projects, 6 Scientific Studies, and 12 Watershed Coordinators into the recommended SIPs.

A total of \$480.4M of SCW funds is programmed into the nine SIPs over the current 5-year period. Of that total, \$458M (95% of the total), \$15.1M (3% of the total), and \$7.3M (2% of the total) funds is allocated towards the Infrastructure Program, Technical Resources Program, and Scientific Studies Program, respectively.

Below is a summary of the total funding budgeted and currently projected over the next 5 years for all WASCs, including both new projects and continuing projects. Refer to Attachment A, the nine [SIP transmittals](#), and the SIP tool (<https://portal.safecleanwaterla.org/sip-tool/>) for the Final Recommended SIPs with additional project details.

Watershed Area	FY 21-22 Budget	FY 22-23 Projection	FY 23-24 Projection	FY 24-25 Projection	FY 25-26 Projection
Central Santa Monica Bay	\$16,762,500.00	\$17,231,731.00	\$10,063,982.00	\$7,321,386.00	\$3,626,063.00
Lower San Gabriel River	\$16,384,694.00	\$15,428,633.00	\$8,961,433.00	\$8,333,538.00	\$200,000.00
North Santa Monica Bay	\$800,000.00	\$500,000.00	\$100,000.00	\$100,000.00	\$100,000.00
Rio Hondo	\$12,515,721.00	\$7,924,360.00	\$2,269,428.00	\$2,341,970.00	\$200,000.00
Santa Clara River	\$500,000.00	\$200,000.00	\$13,398,897.00	\$3,200,000.00	\$200,000.00
South Santa Monica Bay	\$19,998,012.42	\$15,282,130.98	\$8,133,801.36	\$9,612,027.45	\$7,327,910.64
Lower Los Angeles River	\$12,964,999.00	\$8,393,664.00	\$546,000.00	\$5,968,817.00	\$5,948,803.00
Upper San Gabriel River	\$18,280,067.00	\$25,303,294.00	\$20,377,894.00	\$15,826,604.00	\$719,822.00
Upper Los Angeles River	\$45,996,271.21	\$36,729,064.70	\$31,288,673.80	\$30,182,284.00	\$12,865,116.00
<b>Grand Total</b>	<b>\$144,202,264.63</b>	<b>\$126,992,877.68</b>	<b>\$95,140,109.16</b>	<b>\$82,886,626.45</b>	<b>\$31,187,714.64</b>

# Safe, Clean Water Program

Fiscal Year 2021-2022

## Stormwater Investment Plans



Funding Program	Recommended Projects	Total Leveraged Funds	Total 5-yr SIP (FY21-26)	SCW Funding benefitting DACs for 5-yr SIP (FY21-26)
<b>Infrastructure</b>	<b>78</b>	<b>\$498,516,629.98</b>	<b>\$457,969,283.71</b>	<b>\$383,311,661.71</b>
Previous Projects FY20-21	41	\$338,742,671.65	\$272,078,855.71	\$244,871,224.71
New Projects FY21-22	37	\$159,773,958.33	\$185,890,428.00	\$138,440,437.00
<b>Scientific Study</b>	<b>9</b>		<b>\$7,340,308.85</b>	<b>\$0.00</b>
Previous Studies FY20-21	4		\$2,638,039.00	\$0.00
New Studies FY21-22	6		\$4,702,269.85	\$0.00
<b>Technical Resource</b>	<b>35</b>		<b>\$15,100,000.00</b>	<b>\$2,400,000.00</b>
Previous Concepts FY20-21	23		\$11,500,000.00	\$0.00
New Studies FY21-22	12		\$3,600,000.00	\$2,400,000.00
<b>Grand Total</b>	<b>123</b>	<b>\$498,516,629.98</b>	<b>\$480,409,592.56</b>	<b>\$385,711,661.71</b>

The suite of 78 new and continuing Infrastructure Program Projects will:

- Capture stormwater from over 207,000 acres
- Provide an increase in total 24-hr storage capacity of 3,667 acre-feet
- Provide an increase in annual average stormwater capture of 54,664 acre-feet
- Reduce numerous pollutants and prioritize MS4 compliance
- Leverage nearly \$500M in other funding
- Invest over \$385M in projects benefiting disadvantaged communities
- Be implemented across 38 Municipalities
- Include additional benefits shown below

The ROC recommends all 9 SIPs be approved as is.

## 2 Summary of ROC Comments

Below is a summary of the ROC comments, and additional details are available in the ROC meeting minutes on the [Safe, Clean Water website](#). While some ROC members expressed concern about certain recommend SIPs programming relatively large percentages of their funds over the current 5-year period (i.e., less for future projects), there was general acknowledgment of improved engagement, robust processes, and positive direction for the Program as a whole.

- **Central Santa Monica Bay (CSMB) SIP**

On June 29, 2021, the ROC did not have any specific feedback on the LLAR SIP and recommended the SIP for Board consideration.

- **Lower Los Angeles River (LLAR) SIP**

On June 29, 2021, the ROC did not have any specific feedback on the LLAR SIP and recommended the SIP for Board consideration.

# Safe, Clean Water Program

Fiscal Year 2021-2022

## Stormwater Investment Plans

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- **Lower San Gabriel River (LSGR) SIP**

On June 29, 2021, the ROC did not have any specific feedback on the LSGR SIP and recommended the SIP for Board consideration.

- **North Santa Monica Bay (NSMB) SIP**

On June 29, 2021, the ROC did not have any specific feedback on the NSMB SIP and recommended the SIP for Board consideration.

- **Rio Hondo (RH) SIP**

On June 29, 2021, the ROC did not have any specific feedback on the RH SIP and recommended the SIP for Board consideration.

- **Santa Clara River (SCR) SIP**

On June 29, 2021, the ROC did not have any specific feedback on the SCR SIP and recommended the SIP for Board consideration.

- **South Santa Monica Bay (SSMB) SIP**

On June 29, 2021, the ROC did not have any specific feedback on the SSMB SIP and recommended the SIP for Board consideration.

- **Upper Los Angeles River (ULAR) SIP**

On June 29, 2021, the ROC did not have any specific feedback on the ULAR SIP and recommended the SIP for Board consideration.

- **Upper San Gabriel River (USGR) SIP**

On June 29, 2021, the ROC did not have any specific feedback on the USGR SIP and recommended the SIP for Board consideration.

- **General SCW Program Recommendations (from 6/29/21 meeting of ROC)**

- The Executive Summaries should be more consistent in their level of detail and a list of hyperlinks to the Executive Summaries should be provided earlier on to facilitate the review process.
- The anticipated 2022 guidance should also include a more explicit look at equity of allocations keeping in mind the size, the duration, and the impact of the project. This includes providing further clarity on what constitutes a “regional project.”
- LACFCD should continue to prepare tools, reports, and guidance for tracking benefits and advancing Program goals and priorities.
- WASCs should continue to proactively discuss and consider current and anticipated watershed needs and opportunities.



# Safe, Clean Water Program

Fiscal Year 2021-2022

## Stormwater Investment Plans



- The public, potential/current project proponents, and committee members should engage with Watershed Coordinators early and often.

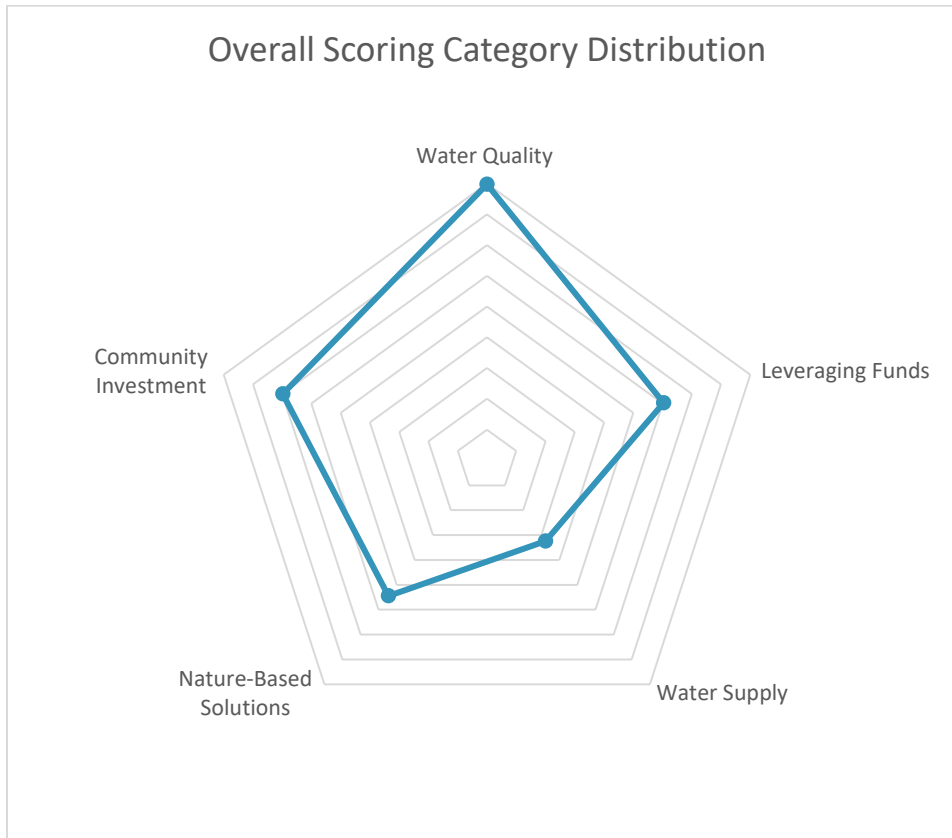
### 3 Achievement of Safe, Clean Water Program Goals

LACFCD Code Ch 18.04 identifies the various goals of the Safe, Clean Water Program. The following sections summarize how the recommended SIPs achieve these goals.

#### 3.1 Projects Benefits - Water Quality, Water Supply and Community Investment

The scoring committee evaluated the benefits provided by each project including Water Quality Benefits, Water Supply Benefits, Community Investment Benefits, Nature-Based Solutions, and Leveraging Funds as defined in the Project Scoring Criteria in the Feasibility Study Guidelines. As shown in the web plot below, all 5 scored benefit categories are represented in the proposed Regional Program budget, with water quality being the core benefit.

Below are tables that summarize the information collected through the project module and the applications for the Infrastructure Program Projects included in the recommended SIPs. This includes the overall scoring category distributions and an overview of the Water Quality, Water Supply, and Community Investment Benefits, including both new and continuing projects.



# Safe, Clean Water Program

Fiscal Year 2021-2022

Stormwater Investment Plans



## COMMUNITY BENEFITS

81 Reduces Heat Island Effects

84 Provides Recreational Opportunities

90 Increases Shade and Trees

87 Improves Flood Protection

34 Improves Waterway Access

87 Enhances Habitat or Park Space

23 Enhances Green Spaces at Schools

## NATURE BASED SOLUTIONS

101 Mimics Natural Processes

99 Uses Natural Materials

## WATER SUPPLY

64 Connected To Aquifer

21 Sends to WW Treatment Plant for Reuse

40 Uses Water Onsite

# Safe, Clean Water Program

Fiscal Year 2021-2022

Stormwater Investment Plans



\* \* NOTE: Primary Pollutant Addressed does not apply to Dry Weather Projects. “Other” includes Dry Weather Projects, Copper, Lead, Toxics, Phosphorus, and Chloride

Watershed Area	Area Managed by Projects (acres)	24hr Capacity (acre-feet)	Annual Average Stormwater Capture (acre-feet)
Central Santa Monica Bay	76,567	47	7,060
Lower Los Angeles River	22,293	118	1,643
Lower San Gabriel River	27,795	196	4,024
North Santa Monica Bay	79	4	0
Rio Hondo	50,011	48	1,738
Santa Clara River	1,309	28	317
South Santa Monica Bay	9,543	242	1,811
Upper Los Angeles River	14,479	2,705	36,033
Upper San Gabriel River	5,306	279	2,039
<b>Grand Total</b>	<b>207,361</b>	<b>3,667</b>	<b>54,664</b>

# Safe, Clean Water Program

Fiscal Year 2021-2022

## Stormwater Investment Plans



### 3.2 Leveraged Funds and Community Support

Below is a summary of leveraged funds, SCW funding allocations, and community support (program wide), including both new and continuing projects.

Watershed Area	Sum of FY21-26	Total Leveraged Funds	Number of Projects	Number of Projects with Community Support
Central Santa Monica Bay	\$52,705,662.00	\$43,873,235.36	9	9
Lower San Gabriel River	\$47,933,298.00	\$20,700,000.00	9	5
North Santa Monica Bay	\$800,000.00	\$6,700,000.00	1	0
Rio Hondo	\$22,629,329.00	\$59,686,493.36	10	9
Santa Clara River	\$16,198,897.00	\$8,387,500.00	2	0
South Santa Monica Bay	\$57,600,905.00	\$38,021,499.09	7	2
Lower Los Angeles River	\$32,747,283.00	\$64,902,723.44	7	4
Upper San Gabriel River	\$78,068,037.00	\$42,037,627.00	10	10
Upper Los Angeles River	\$149,285,872.71	\$214,207,551.73	23	15
<b>Grand Total</b>	<b>\$457,969,283.71</b>	<b>\$498,516,629.98</b>	<b>78</b>	<b>54</b>

### 3.3 Disadvantaged Communities (DAC) Benefits

*Compliant with LACFCD Code Ch18.07.B.2.c.*

Below is an overview of SCW Funding allocated toward Infrastructure Program Projects that provide DAC benefits, including both new and continuing projects. To better assist with and standardize this determination in the future, the District developed interim guidance for implementing Disadvantage Community Policies in the Regional Program. Interim guidance is available on our website (<https://safecleanwaterla.org/regional-program-2/>).

Watershed Area	Total SCW Funding Allocated FY21-26	Sum of DAC Funding	DAC Ratio*	Required Funding for DACs FY21-26 (110%)
Central Santa Monica Bay	\$52,705,662.00	\$31,093,162.00	50%	\$26,352,831.00
Lower San Gabriel River	\$47,933,298.00	\$38,533,787.00	68%	\$32,594,642.64
North Santa Monica Bay	\$800,000.00	\$0.00	0%	\$0.00
Rio Hondo	\$22,629,329.00	\$21,829,329.00	20%	\$4,525,865.80
Santa Clara River	\$16,198,897.00	\$16,198,897.00	35%	\$5,669,613.95
South Santa Monica Bay	\$57,600,905.00	\$35,475,875.00	8%	\$4,608,072.40
Lower Los Angeles River	\$32,747,283.00	\$32,747,283.00	34%	\$11,134,076.22
Upper San Gabriel River	\$78,068,037.00	\$71,863,611.00	50%	\$39,034,018.50
Upper Los Angeles River	\$190,500,730.71	\$135,569,717.71	22%	\$41,910,160.76
<b>Grand Total</b>	<b>\$499,184,141.71</b>	<b>\$383,311,661.71</b>		<b>\$165,829,281.27</b>

\* These figures are based on the 2016 US Census and will be updated periodically.

As shown, the total Safe, Clean Water Funds benefiting DAC over a rolling 5-year period for the recommended SIP is greater than the required funding for DACs for each Watershed Area.

# Safe, Clean Water Program

Fiscal Year 2021-2022

## Stormwater Investment Plans



### 3.4 Project Types and Sizes

Below is a summary of project types and a table of the total capture area in acres for the new and continuing Infrastructure Program Projects included in the recommended SIPs.

Watershed Area	Number of IP Projects
<b>Dry</b>	<b>16</b>
Diversion to Sanitary Sewer	3
Infiltration Facility	4
Infiltration Well	1
Treatment Facility	8
<b>Wet</b>	<b>62</b>
Biofiltration	4
Bioretention	1
Cistern	7
Diversion to Sanitary Sewer	3
Infiltration Facility	22
Infiltration Well	13
Treatment Facility	12
<b>Grand Total</b>	<b>78</b>

Capture Area	Number of Projects
0-200 acres	25
200-1000 acres	23
1000+ acres	30
<b>Grand Total</b>	<b>78</b>

### 3.5 Nature-Based Solutions

*Compliant with LACFCD Code Ch18.07.B.2.f.*

Of the 78 new and continuing Infrastructure Program Projects included in the SIP that implement Nature-Based Solutions (NBS), 74 mimic natural processes and 71 use natural materials.

**Mimics Natural Process:** Implements natural processes or mimics natural processes to slow, detain, capture, and absorb/infiltrate water in a manner that protects, enhances and/or restores habitat, green space and/or usable open space.

**Uses Natural Materials:** Utilizes natural materials such as soils and vegetation with a preference for native vegetation.

# Safe, Clean Water Program

## Fiscal Year 2021-2022

### Stormwater Investment Plans



For reference, the District developed interim guidance related to developing and programming Nature-Based Solutions in the future. Interim guidance is available on our website (<https://safecleanwaterla.org/regional-program-2/>).

### 3.6 Other Safe, Clean Water Program Goals

Below is a summary of other SCW Goals and how they were addressed:

- **Investment in independent scientific research**

Below is a summary of the new and continuing Scientific Studies funded and the total SCW Funding allocated for FY 2021-2026.

Watershed Area	5-yr SIP (FY21-26)
Fire Effects Study in the ULAR Watershed Management Area	\$ 805,000.00
Gateway Area Pathfinding Analysis (GAP Analysis)	\$ 150,000.00
LRS Adaptation to Address the LA River Bacteria TMDL for the ULAR Watershed Management Group	\$ 900,000.00
preSIP: A Platform for Watershed Science and Project Collaboration	\$ 1,430,000.00
Recalculation of Wet Weather Zinc Criterion	\$ 308,039.00
Regional Pathogen Reduction Study	\$ 2,249,206.85
San Gabriel Valley Regional Confirmation of Infiltration Rates	\$ -
Evaluation of infiltration testing methods for design of stormwater drywell systems	\$ 554,684.00
LAUSD Living Schoolyards Program Pilot Study	\$ 943,379.00
<b>Grand Total</b>	<b>\$ 7,340,308.85</b>

- **Benefits to municipalities**

Recommended Projects to date are distributed throughout the Watershed Area to help ensure compliance with this rolling 5-year criterion in future years. The WASC utilized the District’s GIS Reference Map tool to help assess multi-benefit projects across the watershed areas and the region and aid in the development of the SIPs. The GIS Reference Map tool includes numerous spatial data sets that highlight water quality, water supply, and community investment benefit opportunities. While more data will continue to be collected to track this going forward, the current number of new and continuing Infrastructure Program Projects located within each Municipality is below. See the specific SIP transmittal for details on municipality benefits within that watershed area in proportion to the tax collected within that jurisdiction. The District intends to develop guidance for evaluating and tracking municipality benefits in future years.

# Safe, Clean Water Program

Fiscal Year 2021-2022

## Stormwater Investment Plans



Municipality	Number of IP Projects located within Municipality
Arcadia	1
Baldwin Park	1
Bell Gardens	1
Bellflower	2
Beverly Hills	1
Carson	1
Cerritos	1
Claremont	1
Covina	1
Culver City	3
Downey	1
Duarte	1
El Monte	4
Glendale	1
La Puente	1
Lakewood	2
Lawndale	1
Long Beach	3
Los Angeles	20
Lynwood	1
Manhattan Beach	1
Monrovia	2
Monterey Park	1
Norwalk	1
Paramount	1
Pasadena	1
Pomona	1
Rosemead	1
San Dimas	1
San Fernando	1
Santa Clarita	1
Santa Monica	1
South El Monte	1
South Gate	1
Torrance	2
Unincorporated	11
Whittier	1
Glendora	1
<b>Grand Total</b>	<b>78</b>

- **Implement an iterative planning and evaluation process to ensure adaptive management**

To ensure adaptive management, the Watershed Area Steering Committee shall review the Infrastructure Program Project Developers' quarterly progress and expenditure reports and the annual summary reports to evaluate whether the schedules, budgets, scopes and expected

# Safe, Clean Water Program

Fiscal Year 2021-2022

## Stormwater Investment Plans



benefits have significantly changed and remain consistent with the SCW Program Goals. Programs and Projects that are over budget or behind schedule, or that demonstrate reduced or revised scope of benefits, may be adjusted or removed from future SIPs. The Benefits Dashboard and the Reporting modules that track project benefits, metrics, expenditures and progress reports are available via the SCW Portal.

- **Promote green jobs and career pathways**

Involvement in the WHAM Workforce Development Subcommittee helps with the goal of creating equitable career opportunities within the infrastructure fields and improving and aligning both municipal- and private-sector career pathways and retention efforts. The Workforce Development Subcommittee workplan outlines tasks to foster a skilled workforce to support the development of a climate resilient future. Climate resilient jobs contribute to the creation of sustainable and resilient communities by prioritizing the hiring and training of individuals with barriers to employment. The new project investments are creating jobs, the effort is being supplemented with the development of programs to connect people with jobs and provide training.

- **Ensure ongoing operation and maintenance of projects**

All Projects included in the recommended SIP may (and are expected to) request additional funding for operations and maintenance for a minimum useful life of 30 years and monitoring for 3-years post-construction. The District intends for future SIPs to capture this in the projections as appropriate.

## 4 Recommendation

The ROC recommends the Board of Supervisors approve the following FY21-22 Regional Program Budgets for each Watershed Area and allocate funds to each respective SCW Fund.

Watershed Area (SCW Fund #)	FY21-22 Regional Program Budget	ROC Recommendation
Central Santa Monica Bay (B43)	\$16,762,500.00	Recommended as is
Lower San Gabriel River (B44)	\$16,384,694.00	Recommended as is
North Santa Monica Bay (B45)	\$800,000.00	Recommended as is
Rio Hondo (B46)	\$12,515,721.00	Recommended as is
Santa Clara River (B47)	\$500,000.00	Recommended as is
South Santa Monica Bay (B48)	\$19,998,012.42	Recommended as is
Lower Los Angeles River (B49)	\$12,964,999.00	Recommended as is
Upper San Gabriel River (B50)	\$18,280,067.00	Recommended as is
Upper Los Angeles River (B51)	\$45,996,271.21	Recommended as is
<b>Grand Total</b>	<b>\$144,202,264.63</b>	



# Safe, Clean Water Program

Fiscal Year 2021-2022

## Stormwater Investment Plans

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The regional investments made will help address the urgent and growing needs in our communities and in our region. More than ever, investments in creative and innovative solutions should be made now for a resilient future. SCW Program helps attain that goal by implementing innovative multi-benefit infrastructure projects that improve water quality, increase local water supply, and enhance our communities.



Attachment A  
Summary of Regional Program Stormwater Investment Plans

Project Name	Project Lead	FY 20-21 Disbursements*	FY 21-22 Budget	FY 22-23 Projection	FY 23-24 Projection	FY 24-25 Projection	FY 25-26 Projection
Skylinks Golf Course at Wardlow Stormwater Capture Project	City of Long Beach	\$1,047,369.00	\$1,638,457.00	\$2,792,983.00	\$2,792,983.00	\$2,175,088.00	\$0.00
<b>Technical Resource</b>		<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>
Lower San Gabriel River Watershed Coordinator	Los Angeles County Flood Control District	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
<b>FY21-22</b>			<b>\$4,457,787.00</b>	<b>\$467,200.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Infrastructure Project</b>			<b>\$4,082,787.00</b>	<b>\$467,200.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Bellflower Simms Park Stormwater Capture Project	City of Bellflower		\$2,141,987.00	\$0.00	\$0.00	\$0.00	\$0.00
Cerritos Sports Complex	City of Cerritos		\$1,940,800.00	\$467,200.00	\$0.00	\$0.00	\$0.00
<b>Scientific Study</b>			\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Gateway Area Pathfinding Analysis (GAP Analysis)	Gateway Water Management Authority		\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Technical Resource</b>			<b>\$300,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Sorensen Park Multi-Benefit Stormwater Capture Project	Los Angeles County Public Works		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>North Santa Monica Bay</b>		<b>\$100,000.00</b>	<b>\$800,000.00</b>	<b>\$500,000.00</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>
<b>FY20-21</b>		<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>
<b>Technical Resource</b>		<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>
North Santa Monica Bay Watershed Coordinator	Los Angeles County Flood Control District	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
<b>FY21-22</b>			<b>\$700,000.00</b>	<b>\$400,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Infrastructure Project</b>			<b>\$400,000.00</b>	<b>\$400,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Viewridge Road Stormwater Improvements Project	Los Angeles County Public Works		\$400,000.00	\$400,000.00	\$0.00	\$0.00	\$0.00
<b>Technical Resource</b>			<b>\$300,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Las Virgenes Creek Restoration - Phase III	City of Calabasas		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Rio Hondo</b>		<b>\$8,507,500.00</b>	<b>\$12,515,721.00</b>	<b>\$7,924,360.00</b>	<b>\$2,269,428.00</b>	<b>\$2,341,970.00</b>	<b>\$200,000.00</b>
<b>FY20-21</b>		<b>\$8,507,500.00</b>	<b>\$3,855,000.00</b>	<b>\$5,142,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>
<b>Infrastructure Project</b>		<b>\$7,440,000.00</b>	<b>\$3,330,000.00</b>	<b>\$4,730,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Baldwin Lake and Tule Pond Restoration Project	Los Angeles County Public Works/Flood Control Dist	\$440,000.00	\$3,330,000.00	\$4,730,000.00	\$0.00	\$0.00	\$0.00
East Los Angeles Sustainable Median Stormwater Capture Project	Los Angeles County	\$7,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Scientific Study</b>		\$267,500.00	\$325,000.00	\$212,000.00	\$0.00	\$0.00	\$0.00
LRS Adaptation to Address the LA River Bacteria TMDL for the ULAR Water	San Gabriel Valley Council of Governments	\$57,500.00	\$115,000.00	\$92,000.00	\$0.00	\$0.00	\$0.00
preSIP: A Platform for Watershed Science and Project Collaboration	San Gabriel Valley Council of Governments	\$210,000.00	\$210,000.00	\$120,000.00	\$0.00	\$0.00	\$0.00
<b>Technical Resource</b>		<b>\$800,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>
Arcadia Wash Water Conservation Diversion	City of Monrovia	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Rio Hondo Watershed Coordinator	Los Angeles County Flood Control District	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
Vincent Lugo Park Stormwater Capture Feasibility Study	City of San Gabriel	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>FY21-22</b>			<b>\$8,660,721.00</b>	<b>\$2,782,360.00</b>	<b>\$2,069,428.00</b>	<b>\$2,141,970.00</b>	<b>\$0.00</b>
<b>Infrastructure Project</b>			<b>\$7,699,901.00</b>	<b>\$2,723,213.00</b>	<b>\$2,004,245.00</b>	<b>\$2,141,970.00</b>	<b>\$0.00</b>
Alhambra Wash Dry-Weather Diversion	San Gabriel Valley Council of Governments (SGVCOG), Eric Shen		\$275,300.00	\$651,500.00	\$822,690.00	\$822,690.00	\$0.00
East Los Angeles College Northeast Drainage Area and City of Monterey Pa	East Los Angeles College/Build LACCD		\$60,524.00	\$472,094.00	\$0.00	\$0.00	\$0.00
Eaton Wash Dry-Weather Diversion	San Gabriel Valley Council of Governments (SGVCOG), Eric Shen		\$247,000.00	\$444,665.00	\$444,665.00	\$592,890.00	\$0.00
Merced Ave Greenway (Phase I - South Residential Corridor)	City of South El Monte		\$3,197,240.00	\$37,454.00	\$0.00	\$0.00	\$0.00
Mt. Lowe Median Stormwater Capture Project	Los Angeles County		\$800,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Plymouth School Neighborhood Stormwater Capture Demonstration Proje	Amigos de los Rios (AdIR), Claire Robinson		\$548,662.00	\$0.00	\$10,500.00	\$0.00	\$0.00
Rio Hondo Ecosystem Restoration Project	City of Monrovia		\$2,329,375.00	\$0.00	\$0.00	\$0.00	\$0.00
Rubio Wash Dry-Weather Diversion	San Gabriel Valley Council of Governments (SGVCOG), Eric Shen		\$241,800.00	\$1,117,500.00	\$726,390.00	\$726,390.00	\$0.00
<b>Scientific Study</b>			<b>\$60,820.00</b>	<b>\$59,147.00</b>	<b>\$65,183.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Fire Effects Study in the ULAR Watershed Management Area	San Gabriel Valley Council of Governments		\$60,820.00	\$59,147.00	\$65,183.00	\$0.00	\$0.00
<b>Technical Resource</b>			<b>\$900,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Sierra Madre Boulevard Green Street Stormwater Capture Project	City of Pasadena		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00

Attachment A  
Summary of Regional Program Stormwater Investment Plans

Project Name	Project Lead	FY 20-21 Disbursements*	FY 21-22 Budget	FY 22-23 Projection	FY 23-24 Projection	FY 24-25 Projection	FY 25-26 Projection
South El Monte High School	Lena Luna		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Washington Park Stormwater Capture Project	City of Pasadena		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Santa Clara River</b>		<b>\$4,888,603.00</b>	<b>\$500,000.00</b>	<b>\$200,000.00</b>	<b>\$13,398,897.00</b>	<b>\$3,200,000.00</b>	<b>\$200,000.00</b>
<b>FY20-21</b>		<b>\$4,888,603.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$13,398,897.00</b>	<b>\$3,200,000.00</b>	<b>\$200,000.00</b>
<b>Infrastructure Project</b>		<b>\$4,688,603.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$13,198,897.00</b>	<b>\$3,000,000.00</b>	<b>\$0.00</b>
Hasley Canyon Park Stormwater Improvements Project	Los Angeles County Public Works	\$2,887,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Newhall Park Infiltration	Dan Duncan, Oliver Cramer	\$1,801,103.00	\$0.00	\$0.00	\$13,198,897.00	\$3,000,000.00	\$0.00
<b>Technical Resource</b>		<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>
Santa Clara River Watershed Coordinator	Los Angeles County Flood Control District	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
<b>FY21-22</b>			<b>\$300,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Technical Resource</b>			<b>\$300,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Via Princessa Park	Oliver Cramer		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>South Santa Monica Bay</b>		<b>\$14,388,796.00</b>	<b>\$19,998,012.42</b>	<b>\$15,282,130.98</b>	<b>\$8,133,801.36</b>	<b>\$9,612,027.45</b>	<b>\$7,327,910.64</b>
<b>FY20-21</b>		<b>\$14,388,796.00</b>	<b>\$12,478,529.00</b>	<b>\$10,220,261.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>
<b>Infrastructure Project</b>		<b>\$13,574,325.00</b>	<b>\$12,255,375.00</b>	<b>\$10,000,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Alondra Park Multi Benefit Stormwater Capture Project	Los Angeles County	\$10,000,000.00	\$10,000,000.00	\$10,000,000.00	\$0.00	\$0.00	\$0.00
Torrance Airport Storm Water Basin Project, Phase 2	City of Torrance	\$906,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Wilmington Q Street Local Urban Area Flow Management Project	City of Los Angeles, Bureau of Sanitation	\$2,668,325.00	\$2,255,375.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Scientific Study</b>		<b>\$14,471.00</b>	<b>\$23,154.00</b>	<b>\$20,261.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Recalculation of Wet Weather Zinc Criterion	City of Los Angeles Sanitation	\$14,471.00	\$23,154.00	\$20,261.00	\$0.00	\$0.00	\$0.00
<b>Technical Resource</b>		<b>\$800,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>
Eastview Park	City of Rancho Palos Verdes	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Harbor City Park Multi-Benefit Stormwater Capture Project	Los Angeles County	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
South Santa Monica Bay Watershed Coordinator	Los Angeles County Flood Control District	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
<b>FY21-22</b>			<b>\$7,519,483.42</b>	<b>\$5,061,869.98</b>	<b>\$7,933,801.36</b>	<b>\$9,412,027.45</b>	<b>\$7,127,910.64</b>
<b>Infrastructure Project</b>			<b>\$6,872,327.00</b>	<b>\$4,717,905.50</b>	<b>\$7,600,932.50</b>	<b>\$9,081,932.50</b>	<b>\$7,072,432.50</b>
Carson Stormwater and Runoff Capture Project at Carriage Crest Park	City of Carson		\$207,500.00	\$207,500.00	\$207,500.00	\$207,500.00	\$207,500.00
South Santa Monica Bay Water Quality Enhancement: 28th Street Storm D	City of Manhattan Beach (Mamerto Estepa Jr., Prem Kumar, and Shawn		\$1,497,100.00	\$4,005,732.50	\$4,005,732.50	\$4,055,732.50	\$4,055,732.50
Stormwater Basin Expansion Project	City of Torrance		\$4,505,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Wilmington Neighborhood Greening Project	City of Los Angeles, Bureau of Sanitation and Environment		\$662,727.00	\$504,673.00	\$3,387,700.00	\$4,818,700.00	\$2,809,200.00
<b>Scientific Study</b>			<b>\$47,156.42</b>	<b>\$343,964.48</b>	<b>\$332,868.86</b>	<b>\$330,094.95</b>	<b>\$55,478.14</b>
Regional Pathogen Reduction Study	Gateway Water Management Authority		\$47,156.42	\$343,964.48	\$332,868.86	\$330,094.95	\$55,478.14
<b>Technical Resource</b>			<b>\$600,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Palos Verdes Peninsula Multi-Benefit Flow Diversion Project	City of Rolling Hills Estates		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Prioritization of Parkway BMPs for Dominguez Channel/ Harbors Toxics TN	City of Torrance		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Upper Los Angeles River</b>		<b>\$27,315,801.32</b>	<b>\$45,996,271.21</b>	<b>\$36,729,064.70</b>	<b>\$31,288,673.80</b>	<b>\$30,182,284.00</b>	<b>\$12,865,116.00</b>
<b>FY20-21</b>		<b>\$27,315,801.32</b>	<b>\$33,460,562.21</b>	<b>\$15,928,895.70</b>	<b>\$12,481,569.80</b>	<b>\$10,099,900.00</b>	<b>\$975,000.00</b>
<b>Infrastructure Project</b>		<b>\$24,135,094.32</b>	<b>\$31,634,429.21</b>	<b>\$14,497,404.70</b>	<b>\$11,881,569.80</b>	<b>\$9,499,900.00</b>	<b>\$375,000.00</b>
Active Transportation Rail to River Corridor Project - Segment A	Los Angeles Metropolitan Transit Authority (Metro)	\$1,500,000.00	\$4,000,000.00	\$2,000,000.00	\$425,000.00	\$125,000.00	\$375,000.00
Walnut Park Pocket Park Project	County of Los Angeles	\$500,000.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00
The Distributed Drywell System Project	City of Glendale	\$76,750.00	\$1,765,250.00	\$17,000.00	\$17,000.00	\$17,000.00	\$0.00
Oro Vista Local Area Urban Flow Management Project	City of Los Angeles, Bureau of Sanitation	\$2,118,120.00	\$2,118,120.00	\$2,118,120.00	\$2,118,120.00	\$2,118,120.00	\$0.00
Franklin D. Roosevelt Park Regional Stormwater Capture Project	Los Angeles County	\$2,000,000.00	\$2,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Lankershim Boulevard Local Area Urban Flow Management Network Proje	City of Los Angeles, Bureau of Sanitation	\$5,139,380.00	\$5,139,380.00	\$5,139,380.00	\$5,139,380.00	\$5,139,380.00	\$0.00
Fernangeles Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADW)	\$2,926,261.89	\$3,344,299.31	\$1,254,112.24	\$836,074.83	\$0.00	\$0.00
Echo Park Lake Rehabilitation	City of Los Angeles, Bureau of Sanitation	\$400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Attachment A  
Summary of Regional Program Stormwater Investment Plans

Project Name	Project Lead	FY 20-21 Disbursements*	FY 21-22 Budget	FY 22-23 Projection	FY 23-24 Projection	FY 24-25 Projection	FY 25-26 Projection
Valley Village Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	\$1,112,070.49	\$1,270,937.69	\$476,601.63	\$317,734.42	\$0.00	\$0.00
Strathern Park North Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	\$3,247,511.94	\$3,711,442.21	\$1,391,790.83	\$927,860.55	\$0.00	\$0.00
Rory M. Shaw Wetlands Park Project	Los Angeles Flood Control District	\$2,000,000.00	\$2,000,000.00	\$2,000,000.00	\$2,000,000.00	\$2,000,000.00	\$0.00
City of San Fernando Regional Park Infiltration Project	City of San Fernando (Kenneth Jones)	\$3,115,000.00	\$5,785,000.00	\$100,400.00	\$100,400.00	\$100,400.00	\$0.00
<b>Scientific Study</b>		\$980,707.00	\$1,226,133.00	\$831,491.00	\$0.00	\$0.00	\$0.00
LRS Adaptation to Address the LA River Bacteria TMDL for the ULAR Watershed	San Gabriel Valley Council of Governments	\$192,500.00	\$385,000.00	\$308,000.00	\$0.00	\$0.00	\$0.00
preSIP: A Platform for Watershed Science and Project Collaboration	San Gabriel Valley Council of Governments	\$700,000.00	\$700,000.00	\$400,000.00	\$0.00	\$0.00	\$0.00
Recalculation of Wet Weather Zinc Criterion	City of Los Angeles Sanitation	\$88,207.00	\$141,133.00	\$123,491.00	\$0.00	\$0.00	\$0.00
<b>Technical Resource</b>		<b>\$2,200,000.00</b>	<b>\$600,000.00</b>	<b>\$600,000.00</b>	<b>\$600,000.00</b>	<b>\$600,000.00</b>	<b>\$600,000.00</b>
Green Street Demonstration Project on Main Street	City of Alhambra	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Winery Canyon Channel / Descanso Gardens Stormwater Capture Feasibility Study	City of La Canada Flintridge	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Hay Canyon Channel / FIS Sports Facilities Stormwater Capture Feasibility Study	City of La Canada Flintridge	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Pasadena Unified School District Campus Green Infrastructure Development	Claire Robinson, Managing Director, Amigos de los Rios	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Upper Los Angeles River Watershed Coordinators	Los Angeles County Flood Control District	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00
Arroyo Seco Projects: Constructed Wetlands by the Arroyo Seco	Shahid Abbas, Director of Public Works, City of South Pasadena	\$400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>FY21-22</b>			<b>\$12,535,709.00</b>	<b>\$20,800,169.00</b>	<b>\$18,807,104.00</b>	<b>\$20,082,384.00</b>	<b>\$11,890,116.00</b>
<b>Infrastructure Project</b>			<b>\$10,525,451.00</b>	<b>\$20,310,734.00</b>	<b>\$18,588,884.00</b>	<b>\$20,082,384.00</b>	<b>\$11,890,116.00</b>
Altadena Mariposa Green Street Demonstration Project	Amigos de los Rios, Claire Robinson		\$545,300.00	\$165,972.00	\$10,500.00	\$9,000.00	\$9,000.00
Victory ES - DROPS	Los Angeles Unified School District		\$178,585.00	\$0.00	\$0.00	\$0.00	\$0.00
Los Angeles Pierce College Northeast Campus Stormwater Capture & Use	Los Angeles Community College District & BuildLACCD		\$476,697.00	\$4,766,978.00	\$0.00	\$0.00	\$0.00
Lincoln Park Neighborhood Green Street Network	City of Los Angeles Sanitation and Environment		\$3,726,916.00	\$3,726,916.00	\$3,726,916.00	\$3,726,916.00	\$3,726,916.00
Broadway-Manchester Multi-Modal Green Streets Project	City of Los Angeles Bureau of Street Services (StreetsLA)		\$886,000.00	\$4,000,000.00	\$4,000,000.00	\$2,833,000.00	\$0.00
Altadena - Lake Avenue Green Improvement	Los Angeles County Public Works		\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Westmont - Vermont Avenue Green Improvement	Los Angeles County Public Works		\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00
David M. Gonzales Recreation Center Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)		\$388,000.00	\$581,000.00	\$1,550,000.00	\$2,130,000.00	\$3,099,000.00
Valley Plaza Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)		\$529,000.00	\$794,000.00	\$2,116,000.00	\$2,910,000.00	\$4,232,000.00
Metro Orange Line a Water Infiltration and Quality Project	Los Angeles County Metropolitan Transportation Authority		\$1,600,000.00	\$5,070,400.00	\$6,000,000.00	\$7,288,000.00	\$823,200.00
Arroyo Seco-San Rafael Treatment Wetlands	City of Pasadena		\$1,194,953.00	\$1,205,468.00	\$1,185,468.00	\$1,185,468.00	\$0.00
<b>Scientific Study</b>			\$1,410,258.00	\$489,435.00	\$218,220.00	\$0.00	\$0.00
Fire Effects Study in the ULAR Watershed Management Area	San Gabriel Valley Council of Governments		\$203,616.00	\$198,014.00	\$218,220.00	\$0.00	\$0.00
Evaluation of infiltration testing methods for design of stormwater drywell	California State Polytechnic University, Pomona		\$554,684.00	\$0.00	\$0.00	\$0.00	\$0.00
LAUSD Living Schoolyards Program Pilot Study	TreePeople		\$651,958.00	\$291,421.00	\$0.00	\$0.00	\$0.00
<b>Technical Resource</b>			<b>\$600,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
McCambridge Park Stormwater Capture Multi-Benefit Project	City of Burbank		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00
South Pasadena Huntington Drive Regional Green Street	City of South Pasadena		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Upper San Gabriel River</b>		<b>\$10,919,762.00</b>	<b>\$18,280,067.00</b>	<b>\$25,303,294.00</b>	<b>\$20,377,894.00</b>	<b>\$15,826,604.00</b>	<b>\$719,822.00</b>
<b>FY20-21</b>		<b>\$10,919,762.00</b>	<b>\$10,789,423.00</b>	<b>\$24,012,652.00</b>	<b>\$20,377,894.00</b>	<b>\$15,306,782.00</b>	<b>\$200,000.00</b>
<b>Infrastructure Project</b>		<b>\$9,734,762.00</b>	<b>\$10,589,423.00</b>	<b>\$23,812,652.00</b>	<b>\$20,177,894.00</b>	<b>\$15,106,782.00</b>	<b>\$0.00</b>
Barnes Park	City of Baldwin Park	\$1,000,000.00	\$1,500,000.00	\$7,400,000.00	\$4,835,690.00	\$0.00	\$0.00
Bassett High School Stormwater Capture Multi-Benefit Project	Los Angeles County	\$3,000,000.00	\$7,200,000.00	\$7,000,000.00	\$7,000,000.00	\$7,000,000.00	\$0.00
Encanto Park Stormwater Capture Project	City of Monrovia	\$702,860.00	\$827,000.00	\$952,388.00	\$0.00	\$0.00	\$0.00
Garvey Avenue Grade Separation Drainage Improvement Project	City of El Monte	\$4,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Pedley Spreading Grounds	East San Gabriel Valley Watershed Management Group	\$102,760.00	\$154,140.00	\$1,330,180.00	\$1,212,120.00	\$26,700.00	\$0.00
Wingate Park Regional EWMP Project	City of Covina	\$929,142.00	\$908,283.00	\$7,130,084.00	\$7,130,084.00	\$8,080,082.00	\$0.00
<b>Scientific Study</b>		\$385,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
San Gabriel Valley Regional Confirmation of Infiltration Rates	East San Gabriel Valley Watershed Management Group	\$385,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Attachment A  
Summary of Regional Program Stormwater Investment Plans

Project Name	Project Lead	FY 20-21 Disbursements*	FY 21-22 Budget	FY 22-23 Projection	FY 23-24 Projection	FY 24-25 Projection	FY 25-26 Projection
<b>Technical Resource</b>		<b>\$800,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>
Glendora Avenue Green Street Feasibility Study	City of Glendora	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MacLaren Hall Property Park and Sports Fields Project	City of El Monte	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Upper San Gabriel River Watershed Coordinator	Los Angeles County Flood Control District	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
<b>FY21-22</b>			<b>\$7,490,644.00</b>	<b>\$1,290,642.00</b>	<b>\$0.00</b>	<b>\$519,822.00</b>	<b>\$519,822.00</b>
<b>Infrastructure Project</b>			<b>\$7,090,644.00</b>	<b>\$1,290,642.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Fairplex	East San Gabriel Valley Watershed Management Group		\$2,900,000.00	\$0.00	\$0.00	\$0.00	\$0.00
FINKBINER PARK STORMWATER CAPTURE PROJECT	City of Glendora		\$1,290,644.00	\$1,290,642.00	\$0.00	\$0.00	\$0.00
Lone Hill Park	East San Gabriel Valley Watershed Management Group		\$900,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Zamora Park Renovation Project	City of El Monte		\$2,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Scientific Study</b>			\$100,000.00	\$0.00	\$0.00	\$519,822.00	\$519,822.00
Regional Pathogen Reduction Study	Gateway Water Management Authority		\$100,000.00	\$0.00	\$0.00	\$519,822.00	\$519,822.00
<b>Technical Resource</b>			<b>\$300,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Sunset Crossing Park Multi-Benefit Stormwater Project	City of Diamond Bar		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Grand Total</b>		<b>\$94,718,556.32</b>	<b>\$144,202,264.63</b>	<b>\$126,992,877.68</b>	<b>\$95,140,109.16</b>	<b>\$82,886,626.45</b>	<b>\$31,187,714.64</b>

\*Values will differ from the previously approved SIP. Two Projects Concepts were withdrawn by the applicant after approval by the Board of Supervisors.